(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 14 April 2005 (14.04.2005)

PCT

(10) International Publication Number WO 2005/032863 A1

(51) International Patent Classification⁷: 17/052, F16F 9/05

B60G 17/015,

(21) International Application Number:

PCT/GB2004/004206

- (22) International Filing Date: 4 October 2004 (04.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0323160.2

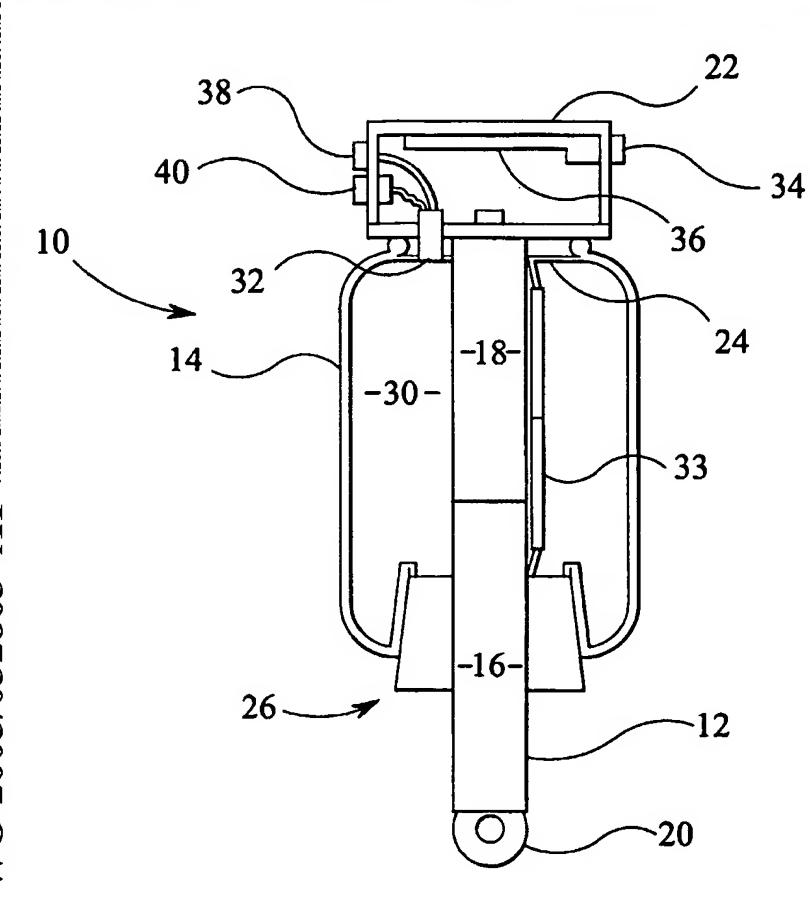
3 October 2003 (03.10.2003) GB

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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: AIR SUSPENSION UNIT AND SYSTEM



(57) Abstract: The invention relates to a vehicle air suspension system and an air suspension unit (10) therefor. The air suspension system comprises a plurality of suspension elements, wherein each element includes at least one air suspension unit (10). The air suspension unit (10) consists of an integrated assembly mountable between the chassis and the axle of a vehicle, and includes: an air spring (14); a height sensor (33) for providing a tide height signal; a valve (32); and an electronic controller (36). The electronic controller (36) controls the valve (32) to adjust a volume of air in the air spring (14) in response to the ride height signal from the height sensor (33).

WO 2005/032863 A1



- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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